TACTICAL EXPLOITATION GROUP (TEG)

actical Exploitation Group-Main
(TEG-M)

Tactical Exploitation Group-
Remote Workstation (TEG
RWS)

Briefed by

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REQUIREMENT

The Marine Corps has a requirement for a tactical imagery capability that is deployable, mobile, modular, and scaleable, and capable of receiving, processing, and exploiting tactical and theater imagery and forwarding the resulting data and products for dissemination. Furthermore, it most be capable of receiving processed imagery from other sources (e.g., national and commercial systems), exploiting that imagery and forwarding resulting data and products for dissemination.

CAPABILITY PROVIDED

- Receive process, store, exploit, and disseminate imagery from the F/A-18D (RC) Advanced Tactical Aerial Reconnaissance (ATARS) and synthetic aperture radar (SAR) imagery from the F/A-18D (RC) radar.

- Receives EO, IR and SAR imagery from theater and tactical resources such as the U-2 Advanced Synthetic Aperture Radar System (ASARS), ASARS-2a, Senior Year Electro-Optical and TCDL compliant UAVs.

- Receives, store, exploit, and disseminate imagery from theater and National input received from the Marine Corps Intelligence Activity (MCIA) or other national agencies.

- Provides hardware and software applications required for imagery support to the targeting process.

- TEG-RWS will provide imagery support to subordinate units within the MEF that do not require full TEG-M support.

- TEG-RWS is a man-portable imagery exploitation system designed to provide digital and hardcopy Imagery Intelligence (IMINT) to the MAGTF Commander and supplement the common operational picture.

- Imagery can be received via existing Marine Corps communications networks from the TEG-M or from the shipboard Joint Service Imagery Processing System (JSIPS)-Navy (JSIPS-N) Concentrator Architecture (JCA). The TEG-RWS will exploit only pre-processed imagery.

URGENCY TO COMPETE IN POM06:

- Need for a Sensitive Compartmented Information (SCI) TEG segment identified during OIF. The SCI segment will provide access to additional imagery resources and will increase interoperability at the Commander-In-Chief (CINC) and National agency level. This capability will also increase the TEG's strike planning, targeting and situational awareness capability and enhance its ability to provide force protection and conduct Battle Damage Assessments.

- OIF also identified a need for integrating a Tactical Common Data Link (TCDL) capability into the TEG to access additional tactical sensors, such as the P3 and TCDL compliant UAV(s).

- There is no tactical imagery training system in the DoD nor the does the USAF, which conducts USMC imagery training, plan on incorporating tactical imagery system's training in their curriculum.

- Lessons learned from OIF demonstrated that the existing imagery support systems located at the squadron level are antiquated . Furthermore, the Squadron Ground Stations (SGS) are no longer being supported by its program office. The TEG-RWS hardware and software, with the addition of an imagery processing capability, would be used to support the squadron imagery requirement.

STATUS OF REQUIREMENTS DOCUMENATION (ICD, CCD, MNS ORD, SON):

MNS (JSIPS) **23 Feb 87**
ORD (Draft) **Dec 01**
Updated **May 03**

AAO:

	TEG-M	TEG-RWS		TEG-M	TEG-RWS
I MEF			III MEF		
Intel Bn	1	23	Intel Bn	1	21
MAW		5	MAW		1
II MEF			RES		2
Intel Bn	1	23	Training	1	6
MAW		5	SPAWAR	1	3
Total	**5**	**89**			

RELATED SYSTEMS: The Army's Tactical Exploitation System (TES) is similar, however, it has a much larger footprint, with a combined IMINT\ SIGINT capability and has a SCI segment embedded.

OUTSTANDING ISSUES:

None.